

## LEARNER NOTIFICATION

### Society of Cardiovascular Anesthesiologists

Activity Title: Echo Board Review Course

Date: June 1- 2, 2024

### Acknowledgement of Monetary Commercial Support

The following company provided monetary support for this CME educational activity in the form of an unrestricted educational grant: **None**

### Acknowledgement of In-Kind Support

The following companies provided in-kind support for this CME educational activity: **None**



### Accreditation Statement

The Society of Cardiovascular Anesthesiologists is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Society of Cardiovascular Anesthesiologists designates this virtual-live activity for a maximum of 11.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Description:

The Echo Board Review Course is a detailed, two-day educational program designed for anesthesiology professionals, including residents, fellows, and attending physicians who use perioperative transesophageal echocardiography (TEE) during cardiac surgery. Aimed at individuals preparing for the National Board of Echocardiography's Advanced PTEeXAM, this course offers an in-depth look at the core principles of TEE, advanced imaging techniques, ultrasound physics, and hemodynamic calculations based on ultrasound principles.

### Educational Information

#### Physician Practice Gap:

A common practice gap is the lack of deep understanding of ultrasound physics among anesthesiologists, which is crucial for accurate image interpretation and diagnosis. Another gap is the underutilization or incorrect application of hemodynamic calculations based on ultrasound principles, leading to suboptimal patient management.

#### Needs that Underlie the Gap

There is a need to provide educational support to physicians who propose to undertake the national board of echocardiography advanced examination of special competence in advanced perioperative transesophageal echocardiography.

**DESIGNED to Change/Outcome:** Following this activity, learners will develop competence by increasing their knowledge through a combination of hands-on learning, case-based presentations, and online lectures. Knowledge will be assessed with a pre-test and post-test.

Liaison with the National Board of Echocardiography about the percentage of participants of this course who go on to pass the national board of echocardiography advanced examination of special competence in advanced perioperative transesophageal echocardiography.

### **Educational Objectives**

*After completing this activity, the participant should be better able to:*

- Review the fundamentals of ultrasound physics.
- Perform hemodynamic calculations using ultrasound.
- Define the clinical application of two and three-dimensional echocardiographic imaging and use of Doppler principle to assess normal and abnormal cardiac states.
- Discuss the normal and abnormal anatomy and function of the native and implanted valves using 2D/3D imaging and Doppler derived quantification.
- Assess the integral role of echocardiography guided decision-making in complex surgery, percutaneous therapies, and clinical dilemmas.

### **Satisfactory Completion**

Learners must complete an evaluation form to receive a certificate of completion. Partial credit of individual sessions is not available.

### **Contact Information**

If you have questions regarding your CME certificate, please contact Karol Flowers, [kflowers@scahq.org](mailto:kflowers@scahq.org).

### **Disclosure of Financial Relationships**

As an accredited provider of the ACCME, SCA adheres to all ACCME Standards for Integrity and Independence in Accredited Continuing Education. SCA collects disclosures from all individuals who have the ability to control the content of CME activities. The following individuals in control of content development for this activity have indicated that they do have financial relationships with ACCME defined ineligible companies within the past 24 months. All financial relationships have been mitigated. No one in control of content is an employee or owner of an ACCME defined ineligible company. All others in control of content not listed below have indicated that they have no financial relationships to disclose.

Last Name	First Name	Disclosure(s)	Role	Method of Mitigation
Mahmood	Feroze	Abbott Medical: Consulting Fees (Ongoing) GE Ultrasound: Consulting Fees (Ongoing)	Faculty/Presenter	No conflict of interest exists. SCA requires all individuals with financial relationships with ACCME defined ineligible companies to comply with ACCME Standards for Commercial Support. SCA has received an attestation from this presenter/planner agreeing to comply.

**How to Get Your CME Certificate**

1. Go to <https://www.surveymagnet.com/Magnet3/login.asp?EventKey=AIDYIRLC> (link will become active at the conclusion of the meeting)
2. Login and evaluate the meeting.
3. Print all pages of your certificate for your records.